

POND PLANTING NOTES:

- 1. CREATED WETLANDS ARE TO BE ROUGH GRADED TO WITHIN 4 INCHES OF FINAL ELEVATION AND CLEAN TOPSOIL WILL BE PLACED TO MAKE FINAL GRADE.
- 2. WETLAND BOTTOM AND FOREBAYS TO BE SEEDED TO THE PERMANENT POOL ELEVATION AS SHOWN ON PLANS. WITH FACN WETLAND MEADOW MIX (ERNMX-122) BY ERNST CONSERVATION SEEDS, OR EQUIVALENT. SEEDS INCLUDED IN THIS MIX ARE LISTED BELOW. SEED MIX WILL BE APPLIED AT A RATE OF 15 LBS PER ACRE.

VIRGINIA MILD RYE	MANY-LEAVED BULRUSH	DITCH STONECROP
FOX SEDGE	COSMOS SEDGE (BRISTLY)	GOLDEN ALEXANDERS
GREEN BULRUSH	MOORGRASS	BRISTLEBACT SEDGE
OX-EYE SUNFLOWER	LURID SEDGE	NODDING BUR MARIGOLD MIX
BLUE VERVAIN	WILD BROCKWATER	BLUNT BROOM SEDGE
BONASET	AMERICAN MANNAGRASS	WOOD REEDGRASS
GRASS-LEAVED GOLDENROD	JOE PYE NEED	MONKEY FLOWER
SOFT RUSH	GIANT IRONWEED	NEW ENGLAND ASTER
HOP SEDGE	FLAT-TOP ASTER	SWAMP MILKWEED
SPOTTED JOE PYE NEED	ROUGH AVENS	PURPLE STEMMED ASTER
AWL SEDGE	RATTLESNAKE GRASS	COMMON SNEEZEWEED
PATH RUSH		

SEED WILL BE BROADCAST BY HAND OR WITH A KNAPSACK SEEDER AT THE PROPER SEEDING RATE. SEED WILL BE MULCHED WITH STRAW OR LIGHT HAY FOLLOWING BROADCASTING. HYDROSEEDING USING A SMALL AMOUNT OF MULCH AND TACKIFIER MAY ALSO BE USED IF AVAILABLE. MICROPOOL WILL BE SEEDED WHILE THERE IS NO STANDING WATER.

- 3. BASIN SIDE SLOPES AND ON NON-MOVED AREAS, USE "ERNMX-170" SEED MIX (ERNST CONSERVATION SEEDS, LLP) OR EQUIVALENT. SEEDS INCLUDED IN THE MIX ARE LISTED BELOW. APPLICATION RATE IS LBS/ACRE.

GOLDENROD	INDIAN GRASS	OX EYE SUNFLOWER
PIS BLUESTEM	VIRGINIA MILD RYE	BLACK EYED SUSAN
LITTLE BLUESTEM	FOX SEDGE	SOFT RUSH
BLUE INDIGO	PARTRIDGE PEA	RIVERBANK MILDRYE
SILKY DOGWOOD	BLUE VERVAIN	DEERTONGUE

SEED WILL BE BROADCAST BY HAND OR WITH A KNAPSACK SEEDER AT THE PROPER SEEDING RATE. SEED WILL BE MULCHED WITH TWO TONS OF STRAW OR LIGHT HAY PER ACRE, FOLLOWING BROADCASTING.

MILDFLOWER AREAS TO BE MOVED ONCE PER YEAR IN LATE FALL.

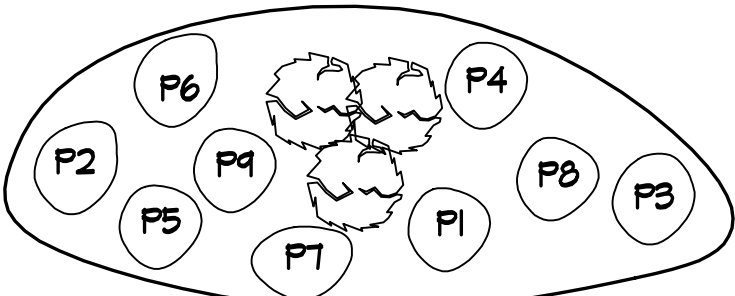
- 4. SEEDING FOR THE CREATED WETLAND SIDE SLOPES WILL BE SUPPLEMENTED WITH BARE ROOT PLANT MATERIAL OR PLUGS AT A SPACING OF 2 FEET ON CENTER AS SHOWN ON PLAN. PLANT QUANTITIES ARE SHOWN ON THE PLAN.

LEGEND:

- 490 --- EXISTING CONTOURS
- (356) --- PROPOSED CONTOURS
- --- PROPOSED STORMWATER PIPE
- PROPOSED DWELLING
- Existing vegetation to remain
- Proposed tree

PLANTING SCHEDULE

SYM.	SPACING	NAME	SIZE	ROOT	QTY.
FI	3'-4'	BAYBERRY / MYRTICA	2'-3' HGT.	CONT.	3
VD	6'-8'	ARROWWOOD VIBURNUM / VIBURNUM DENTATUM	2'-3' HGT.	CONT.	2
CA	6'-8'	SILKY DOGWOOD / CORNUS AMOMIUM	1'-2' HGT.	CONT.	1
IV	6'-8'	WINTERBERRY / ILEX VERTICILLATA	1'-2' HGT.	CONT.	2
CC	20'-25'	EASTERN REDBUD / CERCOIS CANADENSIS	2'-2 1/2' GAL.	B4B	7
AR	30'-40'	RED MAPLE / ACER RUBRUM	2'-2 1/2' GAL.	B4B	1
TA	35'-45'	AMERICAN LINDEN / TILIA AMERICANA	2'-2 1/2' GAL.	B4B	4
NS	20'-30'	BLACK GUM / NYSSA SYLVATICA	2'-2 1/2' GAL.	B4B	6



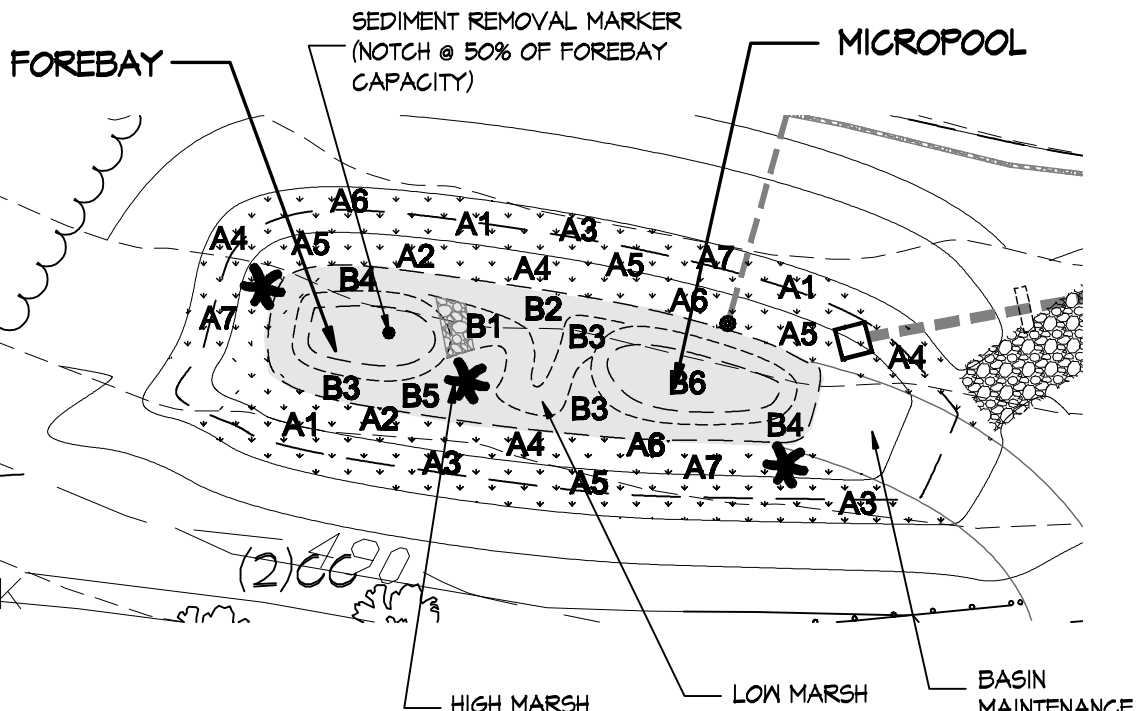
RAIN GARDEN PLANTING PLAN (TYP.)

SYMBOL	PLANTINGS	# OF PLANTS									
		R6(A)	R6(B)	R62	R63A	R63B	R64A	R64B			
P1	ILEX VERTICILLATA (WINTERBERRY)	2	1	1	2	1	1	1			
P2	VIBURNUM DENTATUM (ARROWWOOD)	1	-	2	2	1	2	-	2		
P3	CLETHRA ALNIFOLIA (SWEET PEPPERBUSH)	-	2	2	2	1	2	-			
P4	CINNAMON FERN (OSMUNDA CINNAMOMEA)	4	3	4	6	4	3	4			
P5	CUTLEAF CONEFLOWER (RUDBECKIA LACINIATA)	2	4	6	3	2	3	-			
P6	GREAT BLUE LOBELIA (LOBELIA SIPHATICA)	3	4	4	4	4	4	4			
P7	WILD BERGAMOT (MONARDA FISTULOSA)	2	2	4	3	3	3	3			
P8	NEW ENGLAND ASTER (ASTER NOVAE-ANGLIAE)	2	-	3	4	6	3	5			
P9	MOORGRASS (SCIRPUS CYPERINUS)	2	2	2	6	3	4	2			
P10	BUTTERFLY WEED (ASCLEPIAS TUBEROSA)	4	4	4	2	3	3	3			
P11	WOOD LILY (LILIU PHILADELPHICUM)	4	2	2	4	4	4	5			
P12	SOLOMON'S SEAL (POLYANTHUS BIFLORUS)	2	4	4	6	2	4	2			

- NOTES:
1. PLANTS SHALL BE CONTAINER-GROWN WITH A WELL ESTABLISHED ROOT SYSTEM.
2. SHREPPED HARDWOOD MULCH SHOULD BE APPLIED UP TO 2" TO KEEP SOIL IN PLACE.

CONSTRUCTION DRAWING NOTES:

- 1. THE ROAD AND DRAINAGE SPECIFICATIONS AND SPECIFICATIONS CONCERNING CONSTRUCTION OF DRIVEWAYS ABUTTING TOWN HIGHWAYS, ADOPTED BY THE TOWN OF SOUTHEAST, NEW YORK, APPLY TO THE CONSTRUCTION OF ALL STREETS (ROADS), STORM DRAINAGE FACILITIES, BRIDGES, CULVERTS, DRIVEWAY ENTRANCES, AND MISCELLANEOUS APPURTENANCES THERE TO, AND ALL SUCH CONSTRUCTION SHALL BE COMPLETED IN CONFORMANCE WITH THE REQUIREMENTS OF THESE SPECIFICATIONS.
- 2. NO CHANGES SHALL BE MADE IN ANY OF THE PROPOSED IMPROVEMENTS UNLESS SUCH CHANGES ARE AUTHORIZED IN WRITING BY THE SOUTHEAST PLANNING BOARD OR ITS DULY DESIGNATED REPRESENTATIVES.
- 3. ALL PROPOSED DRIVEWAYS MUST BE PAVED FROM THE EDGE OF THE STREET PAVEMENT BACK TO THE RIGHT-OF-WAY LINE OR TO THE HIGH POINT OF THE DRIVEWAY, WHICHEVER IS THE GREATER DISTANCE.
- 4. NO FOOTINGS, FOUNDATION, BASEMENT, YARD, AREA OR CURTAIN DRAINS OF ANY KIND SHALL DISCHARGE UPGRADIENT OF OR INTO A TOWN STREET OR A STREET PROPOSED TO BE DEDICATED TO THE TOWN AT A FUTURE DATE. ANY SUCH DRAINS LOCATED UPGRADIENT OF AN EXISTING OR FUTURE TOWN STREET SHALL BE CONNECTED INTO THE STORM DRAINAGE SYSTEM IN THE STREET, UNLESS OTHERWISE PERMITTED BY THE SUPERINTENDENT OF HIGHWAYS. THE LOCATION AND CONNECTION OF ANY SUCH DRAIN INTO THE STORM DRAINAGE SYSTEM IN THE STREET SHALL BE APPROVED AND INSPECTED BY THE SUPERINTENDENT OF HIGHWAYS.



POCKET WETLAND PLANTING PLAN (TYP.)

POCKET WETLAND PLANTING LEGEND:

- Seed mix type I of permanent vegetative cover. Refer to "EROSION AND SEDIMENT CONTROL PLAN," SHEET C-150, STABILIZATION NOTES.
- Seed mix for use on inner created wetland embankments and not moved areas. See Pond Planting Note #3.
- Seed mix for use on pond/wetland floor-facn wetland meadow mix (ERNMX-122 or equivalent) to be seeded to the permanent pool elevation. See Pond Planting Note #2.

SEEDINGS WILL BE SUPPLEMENTED WITH BARE ROOT PLANT MATERIAL AT SPACINGS OF 16'-24' ON CENTER AS SHOWN ON PLAN. THE FOLLOWING SPECIES ARE TO BE USED:

SYMBOL	PLANTINGS	# OF PLANTS			SIZE
		CN	CP2	CP3	
A1	CEPAHLANTHUS OCCIDENTALIS (BUTTONBUSH)	4	4	3	2-3 GAL
A2	AQUILEGIA CANADENSIS (RED COLUMBINE)	20	25	15	2" PLUG
A3	ANDROPOGON VIRGINICUS (BROOM-SEDGE BLUESTEM)	10	12	10	2" PLUG
A4	TRIENTATIS BOREALIS (STARFLOWER)	15	20	12	2" PLUG
A5	VIBURNUM PRUNIFOLIUM (BLACKHAWK)	6	7	5	1-2 GAL
A6	ZIZIA AURELIA (GOLDEN ZIZIA)	15	20	10	2" PLUG
A7	LOBELIA CARDINALIS (CARDINAL FLOWER)	20	25	12	2" PLUG
A8	SOLIDAGO RUROSA (WINKLE-LEAF GOLDENROD)	15	20	10	2" PLUG
A9	CAREX LUPULINA (HOP SEDGE)	10	12	8	2" PLUG
A10	GLYCERIA STRIATA (FOAL MANNAGRASS)	15	20	7	2" PLUG
B1	IRIS VERSICOLOR (BLUEFLAG)	15	20	12	2" PLUG
B2	POLYGONUM HYDROPIPEROIDES (SWAMP SMARTNEED)	15	20	10	2" PLUG
B3	SCRIPUS POLYTRICHUS (LEAFY BULRUSH)	15	15	10	2" PLUG
B4	LEMA SP. (DUCKWEED)	20	20	15	2" PLUG

PLANTING NOTES:

- 1. ALL PLANT MATERIALS SHALL BE NURSERY GROWN, FULLY FORMED AND IN A HEALTHY CONDITION FREE OF INSECTS, PESTS, DISEASE OR DAMAGE AT THE TIME OF INSTALLATION.
- 2. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN.
- 3. ALL LANDSCAPING SHOWN SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION THROUGHOUT THE DURATION OF THE USE BEING SERVED. PLANTS NOT SO MAINTAINED SHALL BE REPLACED WITH HEALTHY NEW PLANTS OF COMPARABLE SIZE, TYPE AND QUANTITY AT THE BEGINNING OF THE NEXT GROWING SEASON.
- 4. TOPSOIL ALL DISTURBED AREAS WITH NOT LESS THAN FOUR (4) INCHES OF SUITABLE TOPSOIL MATERIAL.
- 5. CREATED WETLAND BERMS, BOTTOMS AND SIDE SLOPES SHALL BE SEEDED AS DESCRIBED IN "POND PLANTING NOTES".
- 6. ALL OTHER DISTURBED AREAS SHALL BE SEEDED WITH SEED MIX FOR "PERMANENT VEGETATIVE COVER" AS LISTED IN "STABILIZATION NOTES" ON DRAWING K-141 (EROSION AND SEDIMENT CONTROL PLAN, PHASE II).
- 7. MULCH ALL AREAS WITH STRAW AT THE RATE OF 90 LBS PER 1000 SF.
- 8. ALL UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITIES BEFORE PROCEEDING WITH WORK.
- 9. DEER FENCING SHALL BE INSTALLED AROUND THE PERIMETER OF THE CREATED WETLANDS (THE 3 PONDS) DURING THE FALL AND WINTER MONTHS AFTER PLANTINGS ARE INSTALLED. REFER TO DETAIL #1/G-313.

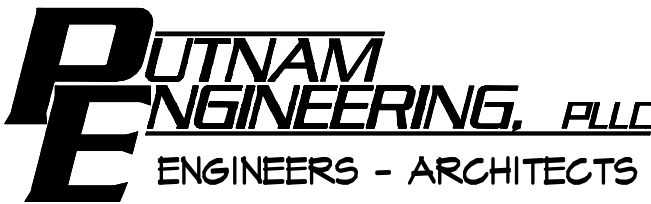
SPECIAL NOTES:

- 1. PROPOSED GRADING CONTOURS SHOWN ON THE APPROVED SITE DEVELOPMENT PLAN DRAWINGS SHALL NOT BE CHANGED, AND SITE GRADING SHALL BE PERFORMED AS SHOWN BY SUCH CONTOURS, UNLESS WRITTEN PERMISSION IS OBTAINED TO CHANGE SUCH CONTOURS, FOR PUBLIC IMPROVEMENTS, SUCH WRITTEN PERMISSION MUST BE OBTAINED FROM THE PLANNING BOARD OR ITS DULY DESIGNATED REPRESENTATIVE. FOR NONPUBLIC IMPROVEMENTS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE BUILDING INSPECTOR OF THE TOWN OF SOUTHEAST.
- 2. PARTICULAR ATTENTION SHALL BE GIVEN TO COLLECTION AND CONVEYANCE OF ALL CONCENTRATED STREAMS OF WATER, INCLUDING BUT NOT LIMITED TO DISCHARGES FROM ROOF DRAINS, AREA DRAIN, YARD DRAINS, UNDERDRAINS (CURTAIN DRAINS, FOUNDATION DRAINS AND BASEMENT DRAINS) AND DRIVEWAY DRAINAGE SYSTEM TO APPROVED POINTS OF DISPOSAL IN THE STREET DRAINAGE SYSTEM OR INTO EXISTING NATURAL STREAMS CAPABLE OF HANDLING THE INCREASED FLOWS FROM SUCH DRAINS.

LANDSCAPE NOTES:

- 1. EXISTING HEALTHY TREES SHALL BE PRESERVED WHEREVER FEASIBLE AS REQUIRED BY CHAPTER 129-34 OF THE SOUTHEAST ZONING CODE. ALL DISEASED TREES SHALL BE REMOVED AND ALL DISEASED AND DEAD LIMBS PRUNED WITHIN 150 FEET OF ALL PROPOSED DWELLINGS.

LANDSCAPE PLAN



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● PUTNAM ENGINEERING PLLC 2011

PURSUANT TO NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209 SUBDIVISION 2, "IT IS A VIOLATION OF A VIOLATION OF ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	11/05/2011	P.B. SUBMISSION	9	1/22/10	P.B. SUBMISSION
2	12/15/2011	NYCDEP SUBMISSION			
3	07/25/2012	NYCDEP SUBMISSION			
4	01/30/2013	NYCDEP SUBMISSION			
5	05/02/2013	NYCDEP SUBMISSION			
6	05/21/2013	LANDS TO BE DEEDED TO AZARETTI			
7	10/24/2013	NYCDEP SUBMISSION			
8	02/20/2014	REV. TO CONSTRUCTION DRAWINGS			

PROJECT

SUBDIVISION PLANS PREPARED FOR:
BAKER FARM SUBDIVISION
66 ENOCH CROSBY ROAD
TOWN OF SOUTHEAST
PUTNAM COUNTY, NEW YORK
TAX MAP 55, BLOCK 1, LOTS 5 & 9

DATE

20 JULY 2011
PROJECT MANAGER
RUE
DESIGNED BY
BJK
CHECKED BY
PML
SCALE
AS NOTED

DRAWING

DESIGN DRAWING
LANDSCAPE PLAN

PROJECT NUMBER

0190

DRAWING NUMBER

C-150

SHEET 6 OF 13